

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063492.D
 Acq On : 12 Aug 2019 17:21
 Operator : JC/SY
 Sample : K4292-01
 Misc : 4.62g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-COMP-WS

Quant Time: Aug 13 08:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

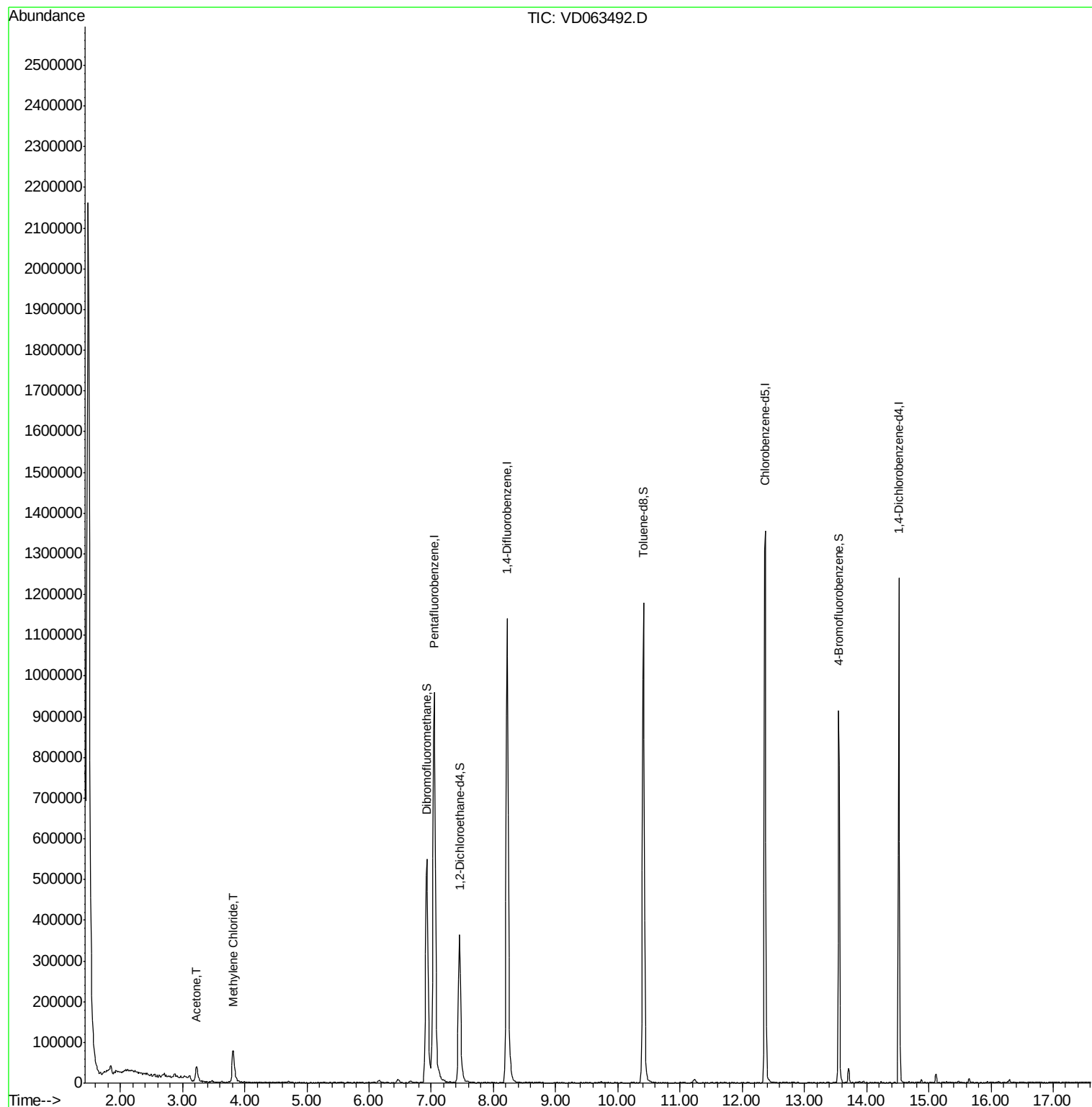
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	954009	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1276028	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	790684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	253088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	435853	42.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.48%	
35) Dibromofluoromethane	6.93	113	496256	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	10.41	98	948766	40.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.32%	
62) 4-Bromofluorobenzene	13.55	95	268731	25.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.18%	
Target Compounds						
16) Acetone	3.23	43	76496	36.902	ug/l #	88
20) Methylene Chloride	3.82	84	53432	5.961	ug/l	96

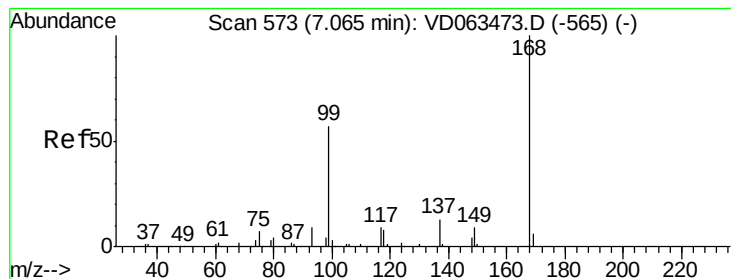
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

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MSVOA_D

ClientSampleId :

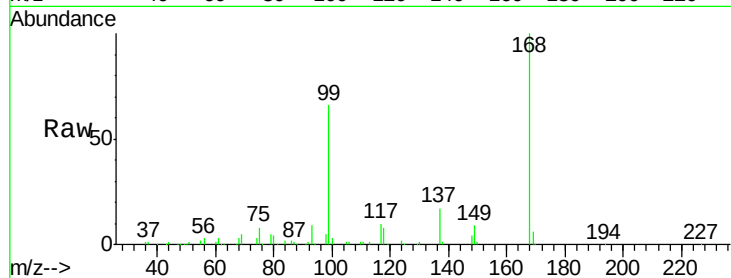
RO-COMP-WS

Tot Ion:168 Resp: 954009

Ion Ratio Lower Upper

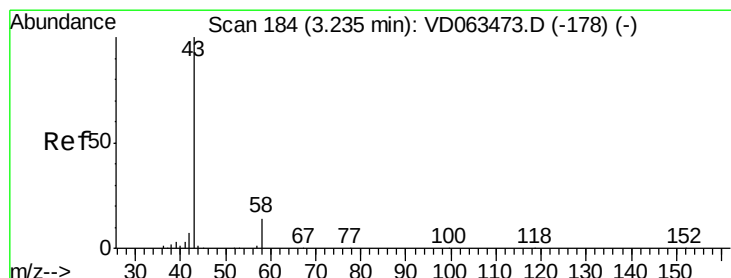
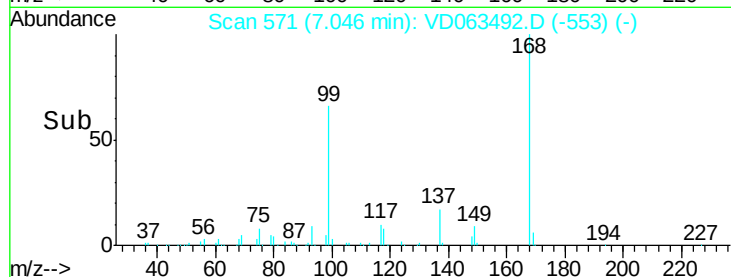
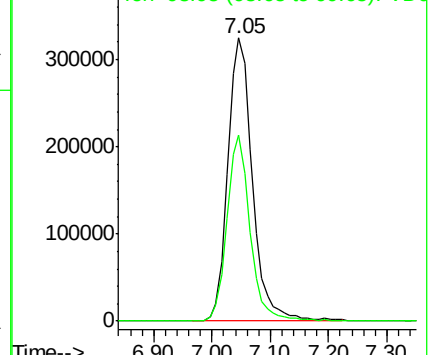
168 100

99 65.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.902 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063492.D

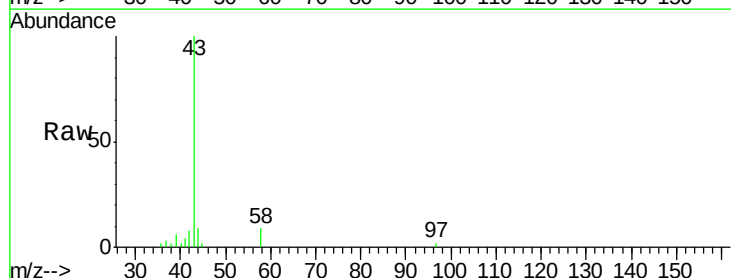
Acq: 12 Aug 2019 17:21

Tgt Ion: 43 Resp: 76496

Ion Ratio Lower Upper

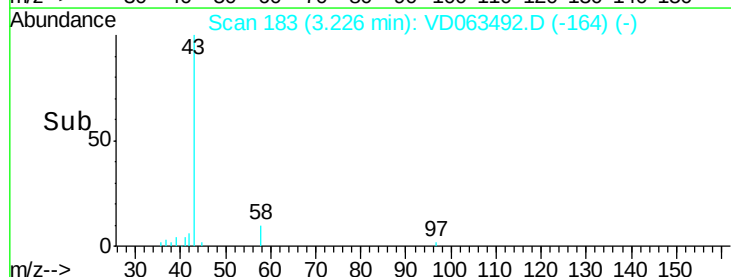
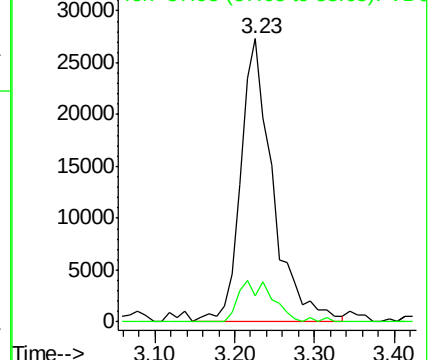
43 100

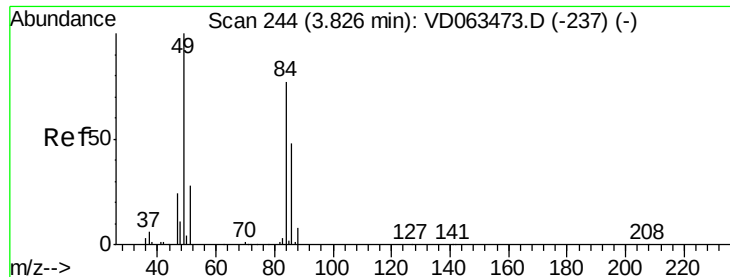
58 9.3 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

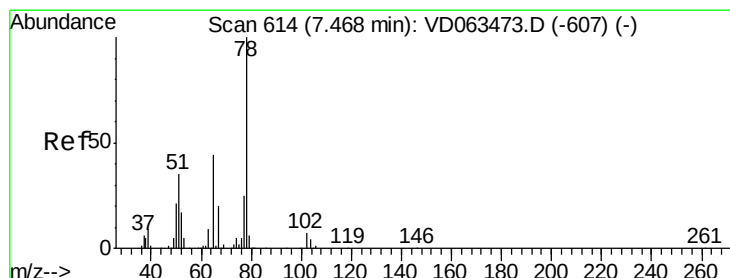
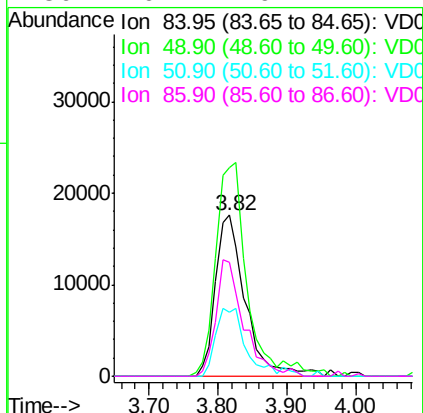
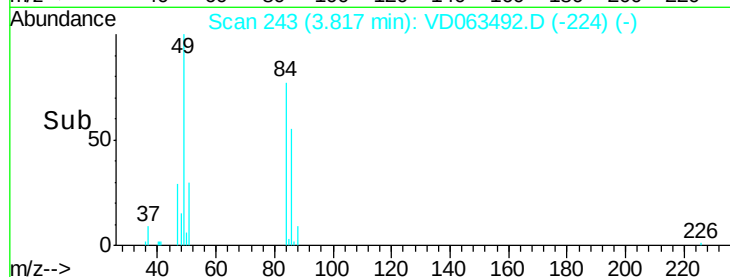
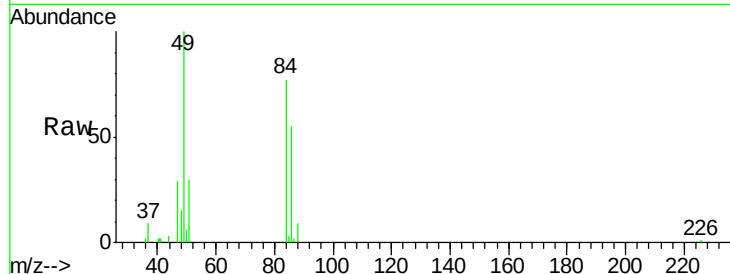




#20
Methylene Chloride
Concen: 5.961 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

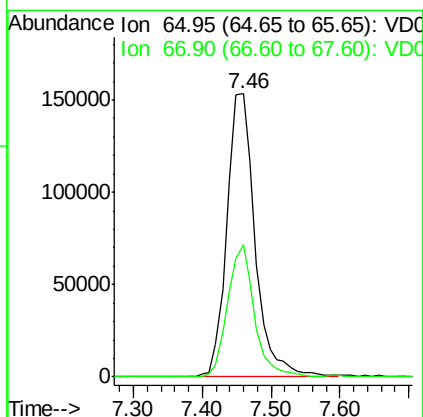
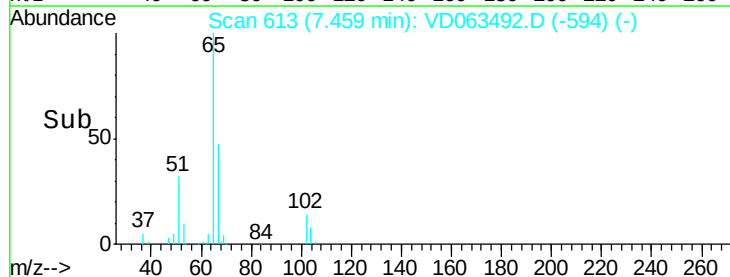
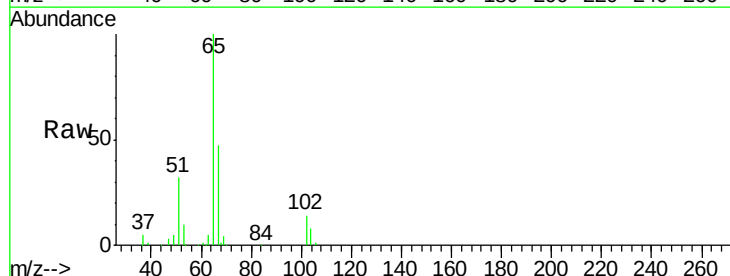
Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-WS

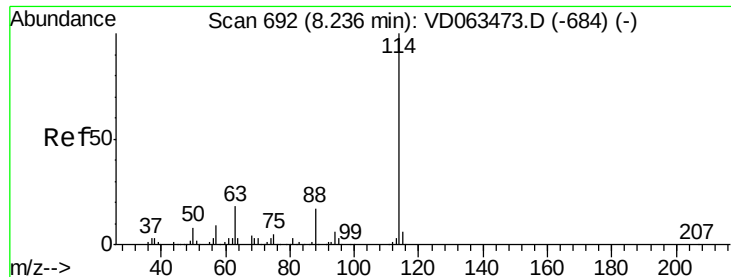
Tot Ion:	84	Resp:	53432
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.4	155.2
51	39.5	28.5	42.7
86	70.7	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 42.741 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

Tgt Ion:	65	Resp:	435853
Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063492.D

Acq: 12 Aug 2019 17:21

Instrument :

MSVOA_D

ClientSampleId :

RO-COMP-WS

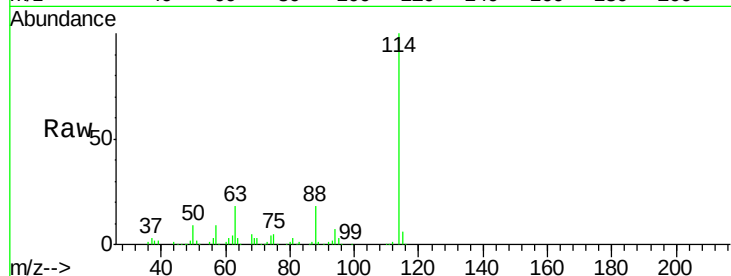
Tot Ion:114 Resp: 1276028

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

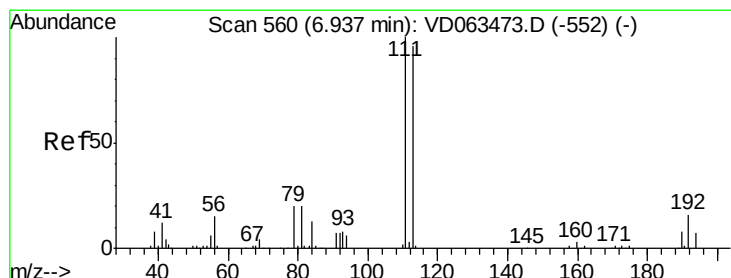
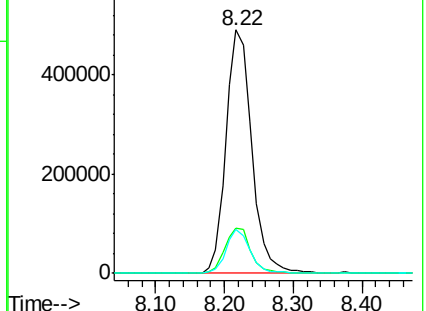
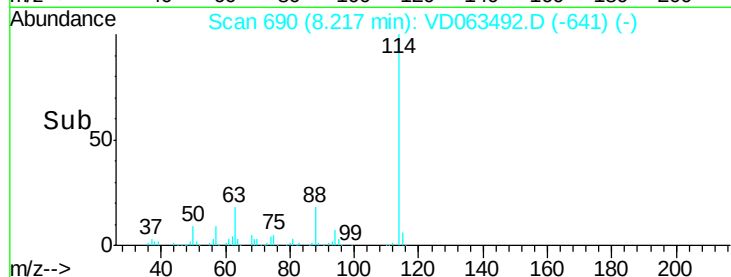
88 18.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.177 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063492.D

Acq: 12 Aug 2019 17:21

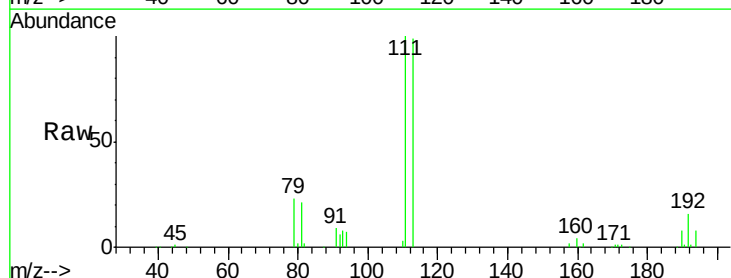
Tgt Ion:113 Resp: 496256

Ion Ratio Lower Upper

113 100

111 100.9 83.1 124.7

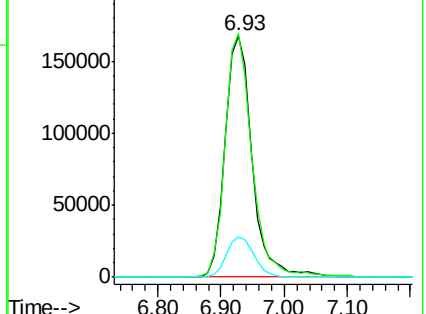
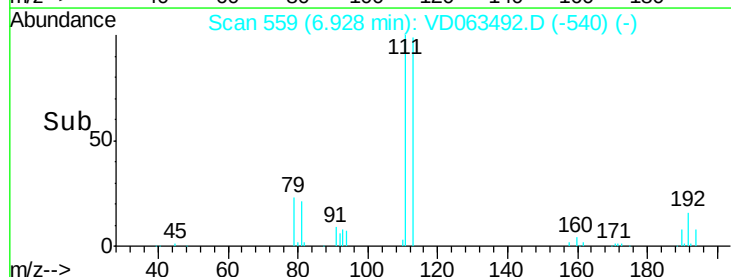
192 16.5 13.1 19.7

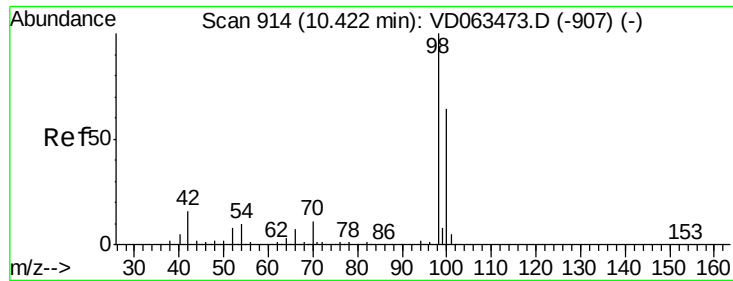


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

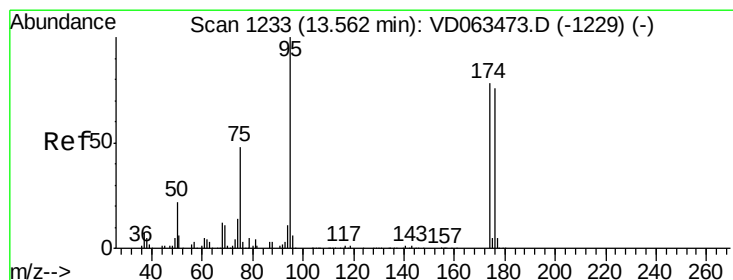
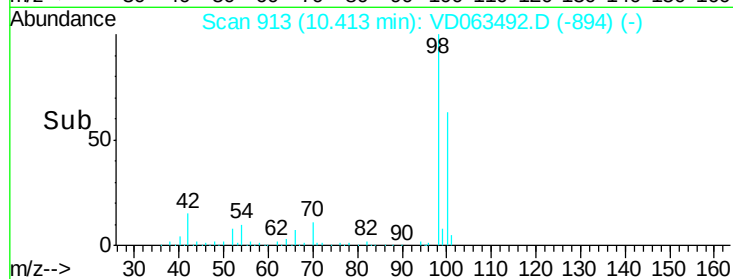
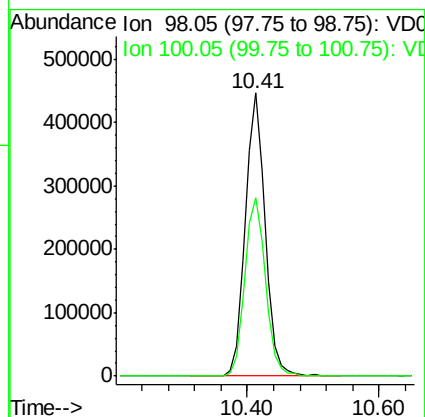
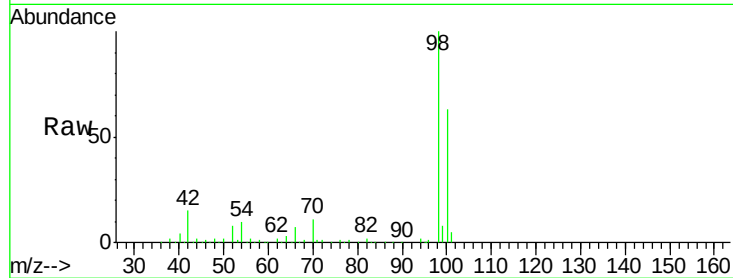




#50
Toluene-d8
Concen: 40.155 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

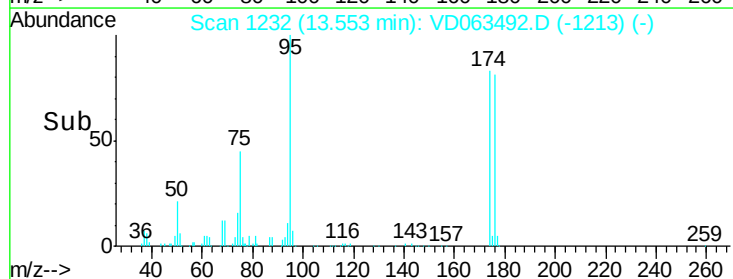
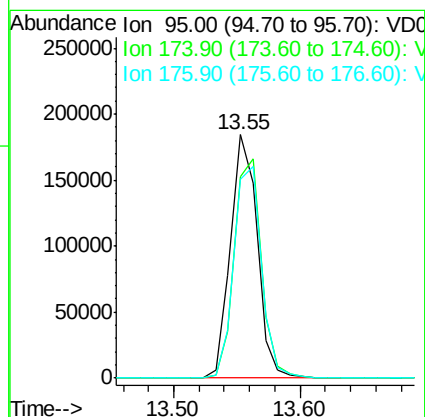
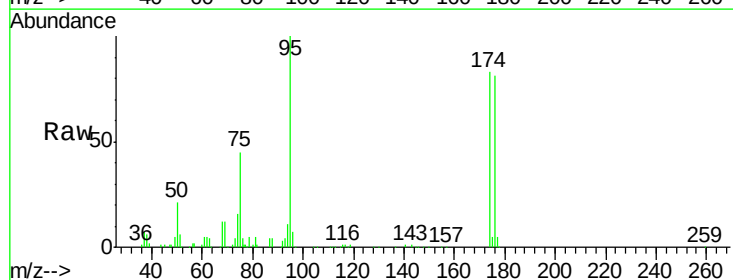
Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-WS

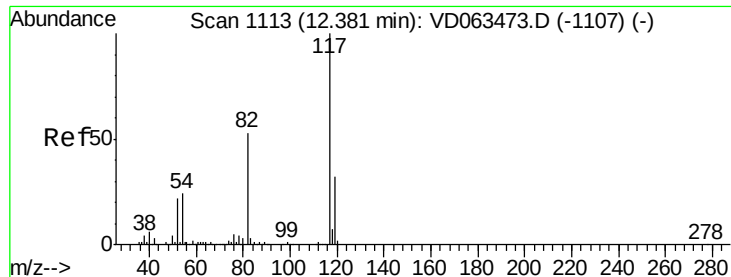
Tot Ion: 98 Resp: 948766
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 25.094 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

Tgt Ion: 95 Resp: 268731
Ion Ratio Lower Upper
95 100
174 82.8 0.0 155.4
176 81.5 0.0 152.4

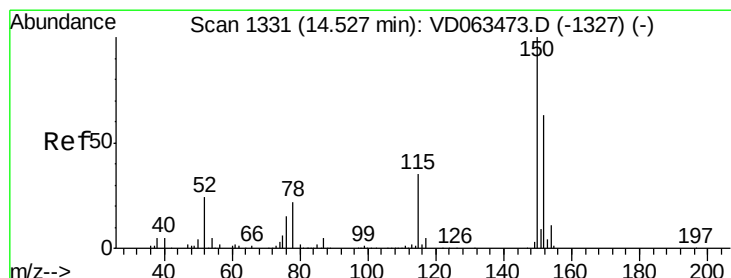
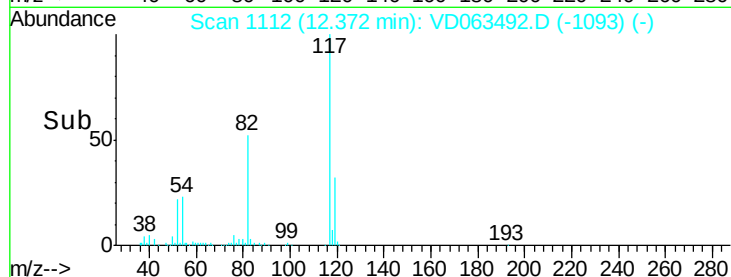
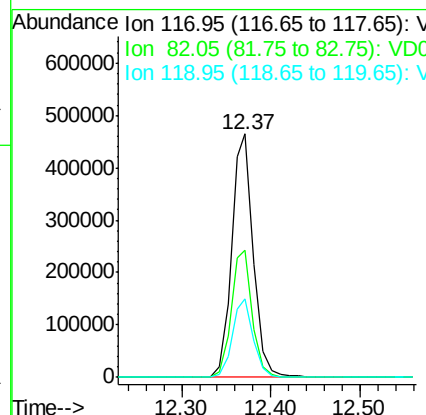
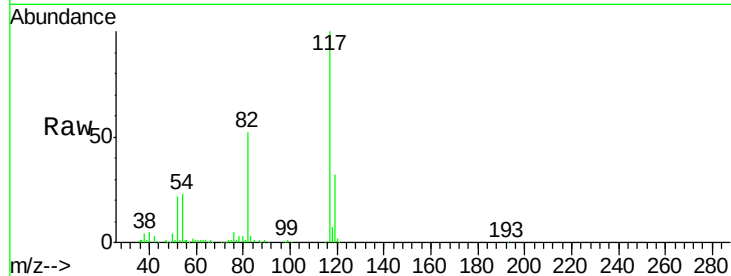




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

Instrument :
MSVOA_D
ClientSampleId :
RO-COMP-WS

Tot Ion:117 Resp: 790684
Ion Ratio Lower Upper
117 100
82 52.4 42.0 63.0
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063492.D
Acq: 12 Aug 2019 17:21

Tgt Ion:152 Resp: 253088
Ion Ratio Lower Upper
152 100
115 58.0 30.9 92.7
150 154.4 0.0 318.6

